

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A computer program product, stored on a computer-readable recording medium ~~machine-readable medium~~, comprising instructions operable to cause a programmable processor to:

determine the height of text consisting of a plurality of characters to be arranged within a current line in a grid displayed on a display device, the grid comprising a plurality of grid lines, each grid line including a plurality of cells for arranging characters within the grid line according to a particular coordination mode;

when the height of the text is larger than a specified dimension for the grid, demarcate an arrangement region that includes the current line and at least one subsequent line in the grid if the height of the text is larger than a specified dimension for the grid without modifying the displayed grid, where the arrangement region defines a new line with respect to the grid for arranging the plurality of characters;

set a coordination line within ~~for~~ the arrangement region according to a selected coordination mode; and

arrange the plurality of characters within the arrangement region while coordinating the plurality of characters with the coordination line; and
displaying the arranged plurality of characters.

2. (Original) The product of claim 1, wherein the grid is a frame grid that is movable to a desired position on a page of an electronic document displayed on the display device in order to arrange data to be typeset on the page, the grid having a plurality of lines, each line comprising a plurality of cells.

3. (Original) The product of claim 2, wherein the grid is a CJK character grid.

4. (Original) The product of claim 1, wherein the specified dimension of the grid is a font point dimension selected when the grid is created by the user on the display device.
5. (Currently Amended) The product of claim 1, wherein the coordination mode comprises at least one of a top coordination mode, a midpoint coordination mode, a baseline coordination mode, and or a bottom coordination mode.
6. (Currently Amended) The product of claim 1, wherein each character in the plurality of characters has an associated embox and the maximum dimension of the current line is the a height dimension of the largest embox associated with the plurality of characters.
7. (Original) The product of claim 6, wherein the embox vertically and horizontally delimits the point dimensions of each character and is an essentially square frame surrounding the character glyph.
8. (Currently Amended) A method for controlling forced grid line spacing, comprising:
determining the height of text that includes a plurality of characters to be arranged within a current line in a grid displayed on a display device, the grid comprising a plurality of grid lines, each grid line including a plurality of cells for arranging characters within the grid line according to a particular coordination mode;
when the height of the text is larger than a specified dimension for the grid, demarcating an arrangement region that includes the current line and at least one subsequent line in the grid if the height of the text is larger than a specified dimension for the grid without modifying the displayed grid, where the arrangement region defines a new line with respect to the grid for arranging the plurality of characters;
setting a coordination line within for the arrangement region according to a selected coordination mode; and
arranging the plurality of characters within the arrangement region while coordinating the plurality of characters with the coordination line; and
displaying the arranged plurality of characters.

9. (Original) The method of claim 8, wherein the grid is a frame grid that is movable to a desired position on a page of an electronic document displayed on the display device in order to arrange data to be typeset on the page, the grid having a plurality of lines, each line comprising a plurality of cells.

10. (Original) The method of claim 9, wherein the grid is a CJK character grid.

11. (Original) The method of claim 8, wherein the specified dimension of the grid is a font point dimension selected when the grid is created by the user on the display device.

12. (Currently Amended) The method of claim 8, wherein the coordination mode comprises at least one of a top coordination mode, a midpoint coordination mode, a baseline coordination mode, and or a bottom coordination mode.

13. (Currently Amended) The method of claim 8, wherein each character in the plurality of characters has an associated embox and the maximum dimension of the current line is the a height dimension of the largest embox associated with the plurality of characters.

14. (Original) The method of claim 13, wherein the embox vertically and horizontally delimits the point dimensions of each character and is a substantially square frame surrounding the character glyph.

15. (Currently Amended) A desktop publishing system for controlling forced grid line spacing, comprising:

a desktop publishing processing control device provided with a font file, the font file storing character font information for performing typesetting, and with typesetting control means having a control means for forced grid line spacing;

a display device displaying data being typeset; and
input means for user input;

the control means for forced grid line spacing being arranged to:

determine whether a maximum dimension of a plurality of characters to be arranged according to a selected coordination mode within a current line of a grid displayed on the display device exceeds a specified dimension of the grid, the grid comprising a plurality of grid lines, each grid line including a plurality of cells for arranging characters within the grid line according to a particular coordination mode; and

when the maximum dimension of the plurality of characters exceeds the specified dimension:

select a plurality of grid lines including a current grid line and at least one subsequent grid line as an arrangement space, where the arrangement space defines a new line with respect to the grid for arranging the plurality of characters; and

arrange the plurality of characters within ~~an~~ the arrangement space ~~demarcated by the selected plurality of grid lines without modifying the displayed grid~~, based on the coordination mode.

16. (Currently Amended) A method for controlling forced grid line spacing, comprising: determining whether a maximum dimension of a plurality of characters to be arranged according to a selected coordination mode within a current line of a grid displayed on a display device exceeds a specified dimension of the grid, the grid comprising a plurality of grid lines, each grid line including a plurality of cells for arranging characters within the grid line according to a particular coordination mode; and

when the maximum dimension exceeds a specified dimension of the grid:

selecting a plurality of grid lines including a current grid line and at least one subsequent grid line as an arrangement space, where the arrangement space defines a new line with respect to the grid for arranging the plurality of characters; and

arranging the plurality of characters within ~~an~~ ~~the~~ arrangement space ~~demarcated by the selected current grid line and at least one subsequent grid line without modifying the displayed grid~~, based on the selected coordination mode.

17. (New) The system of claim 15, where the grid is a frame grid that is movable to a desired position on a page of an electronic document displayed on the display device in order to arrange data to be typeset on the page, the grid having a plurality of lines, each line comprising a plurality of cells.

18. (New) The system of claim 1, where the coordination mode comprises at least one of a top coordination mode, a midpoint coordination mode, a baseline coordination mode, or a bottom coordination mode.

19. (New) The system of claim 1, where each character in the plurality of characters has an associated embox and the maximum dimension of the current line is a height dimension of the largest embox associated with the plurality of characters.